Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application:

1.   (currently amended) A method for updating first data, which have an associated first index, on a disk storage medium by

-    storing second data ~~(S7, S8)~~, which update the stock of data in the first data, on the disk storage medium,

-    creating a second index ~~(S3)~~ and

-    storing the second index ~~(S7)~~ on the disk storage medium,

wherein

-    the second index is associated exclusively with the second data and is stored on the disk storage medium as a supplement to the first index.

2.   (currently amended) The method as claimed in claim 1, ~~where~~ wherein the disk storage medium is an optical, rewritable disk with a limited number of storage cycles.

3.   (currently amended) The method as claimed in claim 1 ~~or 2, where~~ , wherein the second index is stored radially as close as possible to the first index.

4.   (currently amended) The method as claimed in ~~one of the preceding claims, where~~ claim 1, wherein the second index is stored in unfragmented form.

5.   (currently amended) The method as claimed in ~~one of the preceding claims, where~~ claim 1, wherein third data updating the stock of data in the second data are stored on the disk storage medium, and a third index relating to the second and third data is written over the second index.

6.   (currently amended) The method as claimed in ~~one of the preceding claims, where~~ claim 1, wherein an identification number which characterizes a property of the disk storage medium and/or the latter's relationship to the second or third data is ascertained ~~(S4)~~ and is compared with a prescribable threshold value ~~(S5)~~, so that the comparison defines whether a second or third index is used or a new overall index relating to all of the data stored on the disk storage medium is created ~~(S6)~~.

7.   (currently amended) The method as claimed in claim 6, ~~where~~ **wherein** elements of the second and third indices are combined, so that the prescribable threshold value is undershot.

8.   (currently amended) The method as claimed in claim 6 ~~or 7, where~~ , wherein the prescribable threshold value is dependent on a state of the disk storage medium.

9.   (currently amended) An apparatus for storing data on a disk storage medium, having
-       a writing device for writing ~~(S7, S8)~~ first data and second data, which update the stock of data in the first data, to the disk storage medium and for writing a first index relating to the first data to the disk storage medium,
-       a signal processing device for creating the first index,
wherein
-       the signal processing device may also be used to create a second index relating exclusively to the second data ~~(S3)~~, and
-       the writing device may be used to write the second index to the disk storage medium as a supplement to the first index ~~(S7)~~.

10.   (currently amended) The apparatus as claimed in claim 9, ~~where~~ wherein the disk storage medium is an optical, rewritable disk.

11.   (currently amended) The apparatus as claimed in claim 9 ~~or 10, where~~ , wherein third data updating the stock of data in the second data can be stored on the disk storage medium, and a third index relating to the second and third data can be written over the second index.

12.   (currently amended) The apparatus as claimed in ~~one of claims 9 to 11~~ claim 9, which has an identification number ascertainment device for ascertaining ~~(S4)~~ an identification number which characterizes a property of the disk storage medium and/or the latter's relationship to the second or third data, and a comparison device for comparing ~~(S5)~~ the identification number with a prescribable threshold value, so that a comparison may be used to establish whether a second or third index needs to be used or a new overall index relating to all of the data stored on the disk storage medium needs to be created ~~(S6)~~.

13.   (currently amended) The apparatus as claimed in claim 12, ~~where~~ wherein the signal processing device may be used to combine elements of the second and third indices, so that the prescribable threshold value is undershot.

14.   (currently amended) The apparatus as claimed in claim 12 ~~or 13, where~~, wherein the prescribable threshold value in the comparison device is in a form which is dependent on a state of the disk storage medium.

15.   (currently amended) A disk storage medium having
-       first data stored thereon,
-       second data stored thereon which update the stock of data in the first data, and
-       a first index, stored thereon, relating to the first data,
~~characterized by~~ comprising
-       a second index which relates exclusively to the second data and is stored on the disk storage medium as a supplement to the first index.

16.   (original) The disk storage medium as claimed in claim 15, which is in the form of an optical, rewritable disk.

17.   (currently amended) The disk storage medium as claimed in claim 15 ~~or 16,~~ ~~where~~, wherein the second index is stored radially close or directly next to the first index.

18.   (currently amended) The disk storage medium as claimed in of claims ~~15 to 17, where~~ 15, wherein the second index is stored in unfragmented form.